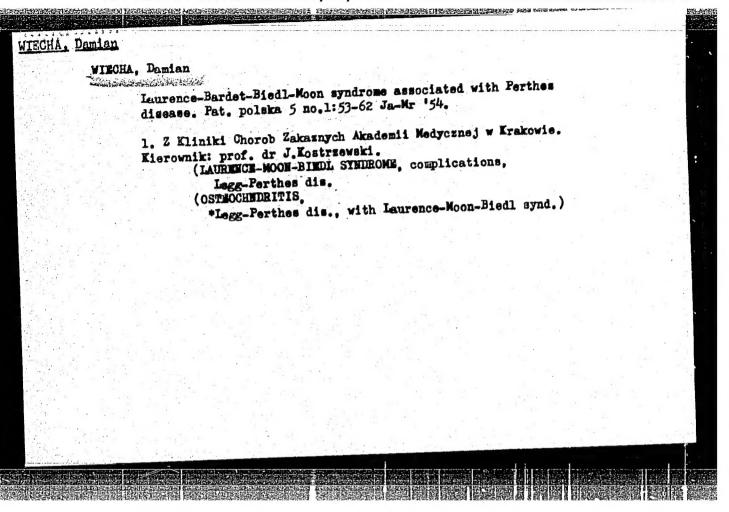
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POLAND

WIECHA, Damian, Department of Childhood Contagious Diseases (Dudrial Choreb Zakaznych Wieku Dziociecege) (Ordynator: Dr. Karol BARTA), Specialized Municipal Hospital (Miejski Szpital Specjalistyczny) (Director: Dr. Henryk BRAJEH) in Krakow.

"Some Immunological Problems of Diphtheria in Infants."

Warsaw, Polski Tygodnik Lakarski, Vol 17, No 44, 29 Oct 62, pp 1709-1710

Abstract: [Author's English summary] Report deals with 176 infants treated for diphtheria during 1953-1960. The Crequency of diphtheria is shown as a function of ago. The relation is discussed between the incidence of diphtheria and maturation of the protein pattern, and passive, areactive, and natural immunity. Allergy appearing during the first year of life is mentioned. Of the 14 references, only one is originally Polish, the remainder mostly from West-Europe (Switzerland, Stockholm, etc.)

SZCZUREK, Z.; WIECHA, K.

A case of metastatic cancer of the sigmoid simulating Eyocardial infarction. Kardiol. Pol. 8 no.2:149-151 '65.

1. Z Zakladu Anatomii Patologicznej Slaskiej AM w Zabrzu (Kierownik: prof. dr. W. Niepolomski) i z Oddzialu Chirurgicznego Szpitala Miejprof. dr. W. Rostka w Chorzowie (Kierownik: dr. A. Bekier).

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WIECHEC, Lilia; HETNARSKA, Krystyna

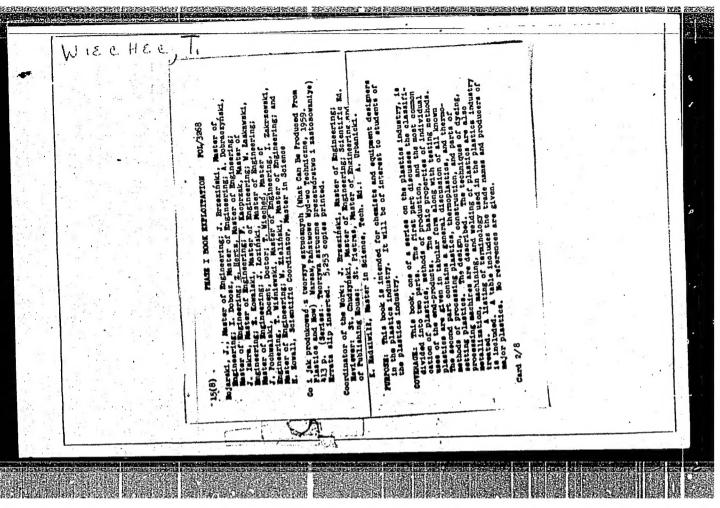
Colorimetric method of determining chlorophenols in technical 2,4-dichlorophenoxyacetic (2,4-D) and 2,4,5-trichlorophenoxyacetic (2,4,5-T) acids and chlorocresols in the sodium salt of 2-methyl-4-chlorophenoxyacetic acid (Metaxone). Chem anal 8 no.6:971-976 163.

1. Department of Analytical Chemistry, Institute of Organic Industry, Warsaw.

WIECHEC, S.

"Practice of Repairing Crucibles of the Tropenas Converter." p.275
(PRZEGLAD ODLEWNICTWA Vol. 3, no. 9, Sept. 1953 Krakow, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.



APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001961610004-3"

S/081/62/000/018/052/059 B168/B186

AUTHOR:

Wicchec, Telesfor

TITLE:

A method of producing elastic polystyrene in granular form

PERIODICAL:

Referativny zhurnal. Khimiya, no. 18, 1962, 519, abstract

18P212 (Polish patent 44481, May 24, 1961)

TEXT: A method of producing elastic polystyrene (I) in granular form, based on two-stage polymerization, is being patented. The first - block - stage is carried out at normal pressure and at <100°C in an atmosphere of nitrogen until a product containing 35% polymer is obtained. The second stage is that of suspension polymerization. The following are added, at 20-70°C, to the product obtained at the first stage: an initiator [benzoyl peroxide (II) or "porophor"] at the rate of 0.1-0.5% and 4-10% of a liquid

which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the product (c. g. which has a low boiling point and will not dissolve the pr

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A method of producing .

atm, at 80-130°C. The polymerization time for this method is less than for other methods and the quantity of I is higher. Example: 100 parts by weight of block I containing 30% polymer of the first stage, 6 parts by weight of naphthenic acid esters (b. p. 30 - 70°C) and 0.4 of II are stimed with a mixer at 45°C and at a nitrogen pressure of 3 atm. The mixture is transferred to an autoclave and is mixed with 200 parts by weight of water containing 0.3 parts by weight of polyvinyl alcohol. Nitrogen is introduced into the autoclave, increasing the pressure to 5 atm, and the produced into the autoclave, increasing the pressure to 5 atm, and the process is carried out for 6-3 hr at 80-85°C. The temperature is then raised to 120-130°C and the process is continued for 4-6 hr. After completion of polymerization granules of I measuring 0.2-5 mm are obtained. [Abstractor's note: Complete translation.]

Card 2/2

WIECHEC, Telesfor; SOWINSKI, Jan

Designing steam holes in molds for polystyrene foam. Polimenry tworz wielk 9 no.4:160-164 Ap 164

1. Institute of Artificial and Synthetic Fibers, Lodz.

GRANIEWSKI, Stanislaw; WIECHNO, Wojciech

Intrahepatic cholelithiasis. Wiad. lek. 18 no.14:1157-1161
15 J1 '65.

1. Z Oddzialu Chir. Szpitala Bielanskiego w Warszawie (Ordynator doc. dr. med. W. Wiechno).

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#### WIECHNO, Wojeiech

Congenital absence of the gallbladder. Pol. przegl. chir. 37 no.7:704-706 Jl 165.

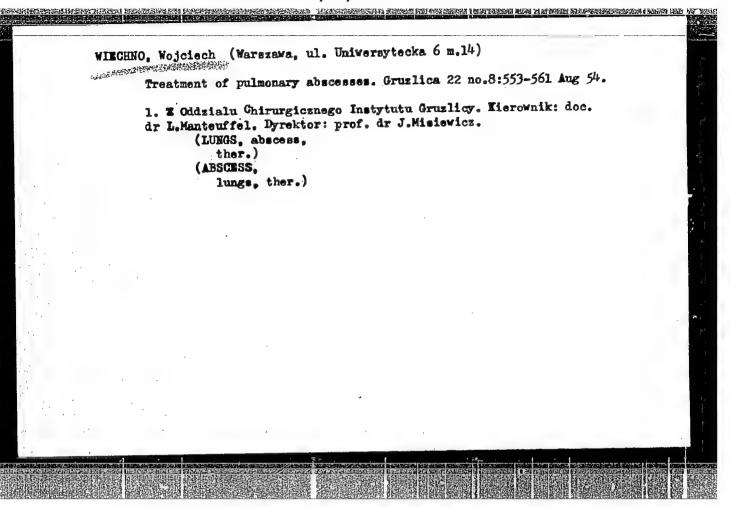
l. Z Oddzialu Chirurgii Ogolnej Szpitala Bielanskiego w Warszawie (Ordynator: doc. dr. W. Wiechno).

MIECLAC. W.,

MANTEUFFEL-SZOEGE, L; KOSZAROWSKI, T; JUSTYNA, M; MOWICKI, J; WIECHNO, W.

100 cases of pulmonary resection. Gruslica, Warss. 20 no. 2:202206 Mar-Apr 1952. (GIML 22:3)

1. Of the Department of Surgery (Head-Docent L. Manteuffel, M. D.)
of the Institute of Tuberculosis (Director--Prof. J. Misiewics, M. D.).



WIECHNO, Wojciech.; SOCHACKI, Lech.,

Case of spontaneous recovery in choledocholithiasis. Polski tygod.

lek. 12 no.14:524-526 1 Apr '57.

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WIECHNO, Wojciech; KLAWE, Zdzislaw

Indications for section of sphincter of Oddi. Polski przegl. chir. 33 no.7/9:981-983 '61.

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(BILE DUCTS surg)

WIECHNO, Wojciech

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(CHOLANGITIS) (COMMON BILE DUCT) (JAUNDICE OBSTRUCTIVE)

WIECHNO, Wojciech; POLTORAK, Jan Lech

Sphincterotomy in the treatment of chronic pancreatitis. Wiad. lek. 18 no.2:135-143 15 Ja \*65

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KWASNIEWSKA-ROKICINSKA, Cecylia; WIECHORKIEWICZ, Anna

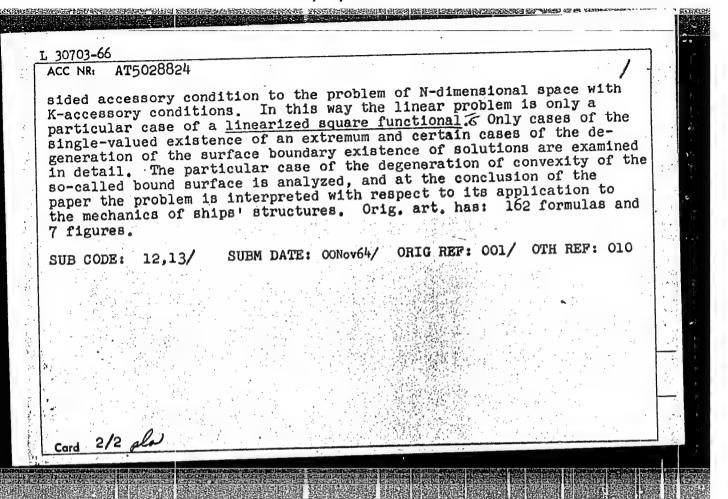
Malignant granuloma in children. Pol. tyg. lek. 19 nc 51:1971-1972 21 D 164

1. Z Insty utu Onkologii, Oddział w Gliwicach (Dyrektor: dr. med. Jeremi Sw. . ...

#### "APPROVED FOR RELEASE: 03/20/2001

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PROBLEM SANCHER BOOK OF THE SANCK BOOK OF THE SANCK AND THE SANCK OF T L 30703-66 EWI(d) PO/2521/65/000/024/0059/0099 SOURCE CODE: ACC NR. AT5028824 (N) Wieckowski, Jozef (Gdansk) ORG: none TITLE: The integral conditional extremum of a certain square function-SOURCE: Polska Akademie Nauk. Instytut Maszyn Przeplywowych. no. 24, 1965, 59-99 TOPIC TAGS: shipbuilding engineering, stress analysis, linear function, function equation, bounded function, mathematic space ABSTRACT: The present study is a continuation and development of earlier investigations in which the problem was considered of the undimensional extremum of the integral of internal forces in the simplified cylindrical hull of a ship in the case of low screw propeller r.p.m. (as of a rigid body) for ocean going vessels, and in the case of small deformations for the long hulls of ships plying the internal waterways. An infinite combination of possible load states of the hull during operation [navigation, docking] is assumed. The purpose of the present investigation is to extend the problem of the unidimensional determination of the extremum of a linear functional in a set of commonly bounded functions with one two-sided or single-Card 1/2



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1. Zaklad Turbin Cieplpych, Instytut Techniki Cieplnej, Lodz.

GRZEGORZEWSKI, Wojciech, mgr inz.; WIECHOWSKI, Stanislaw,, mgr inw.

Mechanical barring gears for steam turbines. Biul inst techn clepl 12 no.1:35-40 Ja '64.

1. Department of Thermal Turbines of the Institute of Heat Engineering, Lodz. Submitted April 4, 1963.

WIECHOWSKI, C., DEDZIERSKI, Z.

Remarks on working out technical work standards in afforestation activities. p. 16

LAS POLSKI. (Ministerstwo Lesnicwa oraz Stowarzyszenie Naukowo-Techiczne Inzynierow i Technikow Lesnictwa i Drzewnictwa) Warszawa, Poland Vol. 29, No. 3, Mar. 1955

Monthly List of East European Accessions (EEAI) LC, Vol 9, No. 2, Feb. 1960 Uncll.

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(KETONE BODIES, in urine, determ. (Pol))

BORON, Pietr; WIRCHOWSKI, Wladislaw

Unusual case of Laurence-Moon-Bardet-Biedl syndrome. Polski
tygod.lek.10 no.47:1535-1538 21 Nev. '55.

1. Z I Kliniki Choreb wewnetrznych A.M. w Bialymsteku; kierewnik:
prof. dr med. Marian Tulczynski. Bialystek, I Kliniki Choreb
Wewnetrznych A.M. ul. P'wna 25.
(LAURENCE-MOON-BIEDL SYNDROME,
unusual case)

# "APPROVED FOR RELEASE: 03/20/2001

#### CIA-RDP86-00513R001961610004-3

WIECHOWSKI,	WIACLYSTAN						
country:	Poland						
cademic Degrees:	Dr Med						
ffiliation:	Laboratory of Medical Analyses (Laboratorium analiz lekarskich), Bialystok						
Source:	Warsaw, Farmacja Polska, Vol XVI, No 19, 10 October 1961.	<u>k</u>					
Data:	pp 402-404 "The Effect of Certain Medicinal Preparations on Porphyrin Metabolism in the Human Body."						
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WIECHOWSKI, Wladyslaw, dr.med.

Influence of some medial drugs upon the porphyrin metabloism in the human organism. Farmacja Pol 16 no.19:402-404 0 '61.

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(POPHYRINS chem)

BRUGSCH, Joachim; WIECHOWSKI, Wladyslaw; MROS, Felika

Acute porphyria in surgery. Pol. przegl. chir. 34 no.9:273-222

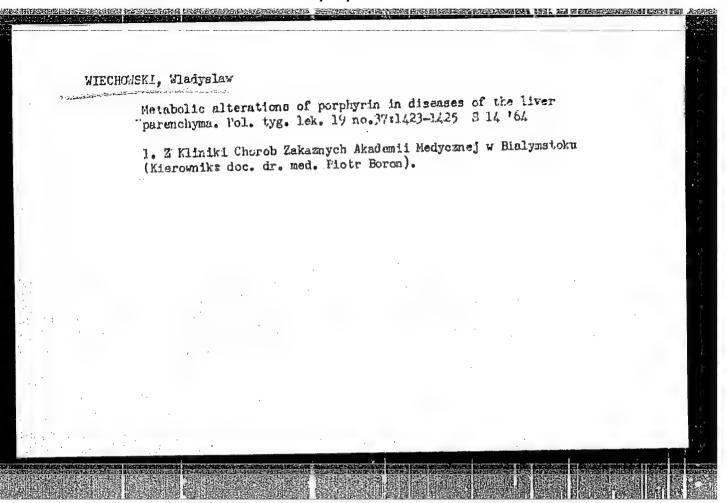
1. Z I Kliniki Chorob Wewnetrznych Szpitala Charite w Berlinie Dyrektor: prof. dr F.H. Schulz i z Kliniki Chorob Wewnetrznych Szpitala Friedrichshain w Berlinie Dyrektor: prof. dr J. Brugsch. (PROPHYRIA) (SURGERY OPERATIVE)

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parazyt. 10 no.42441-442 '64

1. Klinika Choreb Zakaznych Akademii Medycznej, Bialystok.



BORON, Piotr; WIECHOUSKI, Wladyalav

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WIECKIEWICZ, Ewa

Bilateral adrenal hemorrhage during the course of myocardial infarction treated with heparin. Pol. tyg. lek. 17 no.10:359-361 5 Mr '62.

1. Z Oddzialu Chorob Wewnetrznych Szpitala Wojskowego w Gdansku; ordynator: dr med. Jerzy Jakesch.

(ADRENAL GLAND dis) (HEMORRHAGE etiol)
(MYOCARDIAL INFARCT ther)

MIECKIEWICZ, Henryk

Adolf Polak. Nauka polska 11 no.3:89-92 My-Je '63.

1. Katedra Maszyn Parowych Tlokowych, Politechnika, Gdansk.

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MINISO, E.

Management of forests and of the lumber and paper industries in the Soviet Union. v. 175

ROCZHIKI NAUK LEGATCH vol. 6, 1954

Poland

so. EAST EUROFEAN ACCESSIONS LIST vol. 5, no. 10 Cet. 1956

K COUNTEY. . Poland CATEGORY Forestry . General Problems. ABS. JOUR. \*Ref Zhur-Biologiya, No.1, 1959, No. 1438 AUTHOR Wiecko, Edward msr. Not given Forests and Forestry in Polish Lands in the TITIE Second Half of the XIXth Century. ORIG. FUB. :Sylwan, 1956, 100, No.7, 88-135 ABSTRACT :No abstract CARD:

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WIECKO, E.

Forests and forestry in People's Poland p.l.

SYLWAN. (Wydział Nauk Rolniczych i Lesnych Polskiej Akademii Nauk i Polskie Towarzystwo Lesne) Warszawa, Poland. (Journal on forestry issued by the Section of Agricultural and Forestry Sciences, Polish Academy of Sciences; and the Polish Society of Forestry; with English and Russian summaries. Includes supplements: Biuletyn Instytutu Badawczego Lesnictwa, bulletin of the Forest Research Institute; Biuletyn Instytutu Technologii Drewna, bulletin of the Institute of Wood Technology; Przeglad Dokumentacyjny Drzewnictwa, documentation of the Institute of Wood Technology; and Prezeglad Dokumentacyjny Lesnictwa, documentation of the Forest Research Institute. Monthly.)
Vol. 101, no. 2, Feb. 1957

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 6, June 1959 Uncl.

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POLAND/Chemical Technology. Chemical Products and Horir Uses. Part III. Food Industry.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51944

Author : Wieckowska, Elzbieta; Monikowski, Kazinierz

Inst : -

Title : Phosphatase Test for Meat and Meat Products.

Orig Pub: Roczn. Panstw. zakl. hig., 1956, 7, No 1,

79-88

Abstract: Application of the alkaline phosphatase
(I) titration as an indicator of degree
(sufficiency) of thermal treatment of
meat and meat products has been explained.

It was actablished that no I was present

It was established that no I was present in meat products heated to  $\gg 70^{\circ}$  (positive reaction for I could be induced by bacteria).

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POLAND/Chemical Technology. Chemical Products and Their Uses. Part III. Food Industry.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51944

In order to inactivate I in meat, it is sufficient to heat it to 62-63° for 15-30 minutes, to 63-65° for about 10 minutes, or to 67° for 5-10 minutes. At 70°, the decomposition of I is instantaneous.

-- 1. Vavilova

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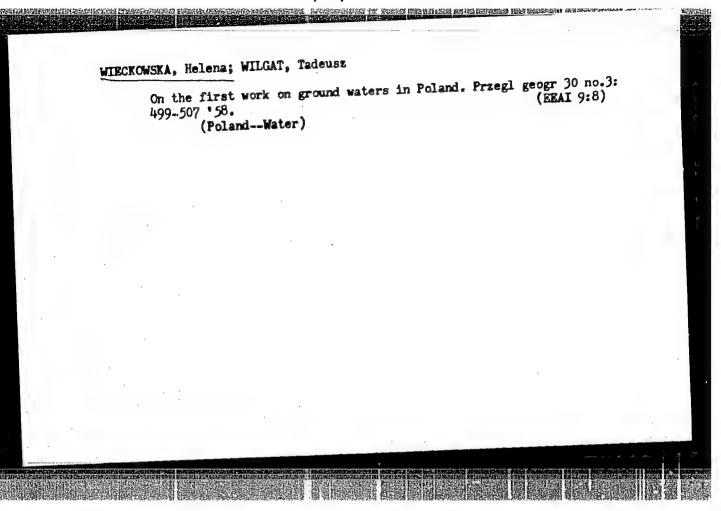
WIRCKOWSKA, Halina, Lods, ul. Armii Lydowej 17, m.4

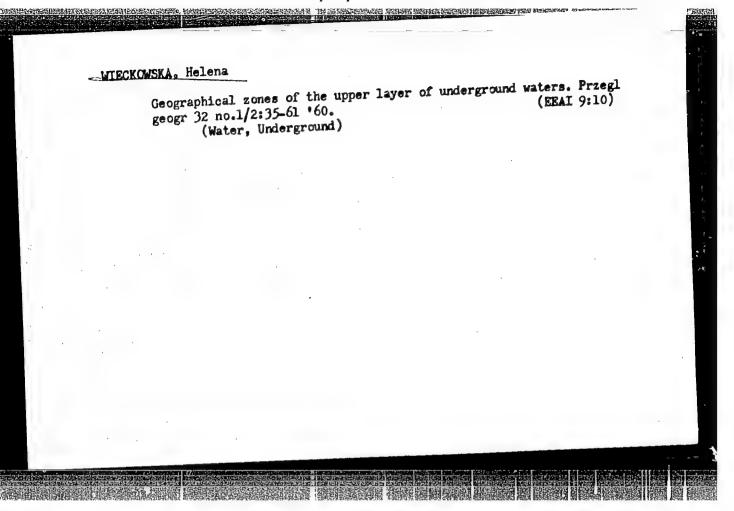
Btiology of epulis. Csas. stomat. 7 no.10:394-401 Oct 54.

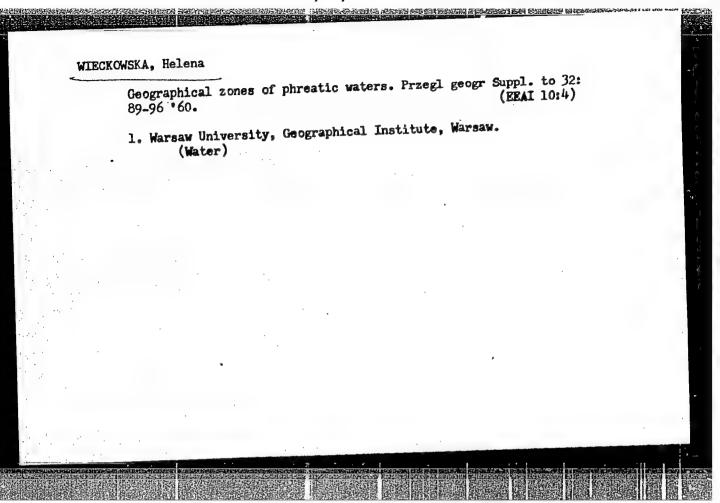
1. Z Kliniki chirurgii stomatol. A.M.v Lodsi. Kierownik: doc. dr. F.Bohdanowics
(GINGIVA, neoplasms epulis, etiol.)

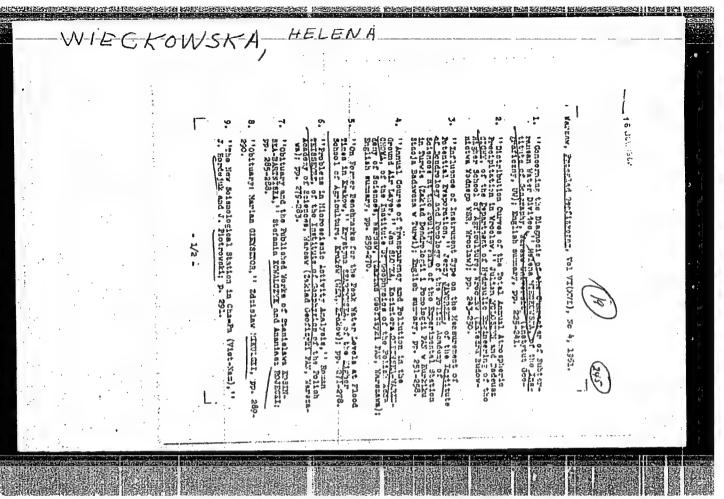
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WIECZKOWSKA, Helena (Warszawa)

Types of high-level subsurface waters occuring in Poland.
Czasop geograf 34 no.4:339-359 163.

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HIRIUSONICZ, Jan.; FORMA, Josef; WIECKOWSKA, Wanda

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Polski tygod.lek. 15 no.31:1170-1183 1 Ag '60.

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(INTESTINES physiol.)

WIECKOWSKA, Wanda

Liver regeneration following ligation of the bile ducts in the dog. Pol. przegl. chir. 35 no.7/8:766-768 163.

1. Z Zakladu Chirurgii Doswiadczalnej PAN w Warszawie Kierownik: prof. dr J. Nielubowicz. (JAUNDICE, OBSTRUCTIVE) (COMMON BILE DUCT) (LIVER REGENERATION)

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Electroenterography. Pol. przegl. chir. 35 no.10/11:1131-1133 '63.

NIELUBOWICZ, Jan; OLSZEWSKI, Waldemar; LUKASIEWICZ, Hanna; MICHALSKI, Andrzej; ROWINSKI, Wojciech; SZYFELBEJN, Stanislaw; WIECKOWSKA, Wanda

Pathomechanism of meteorism. I. Composition of intestinal gases in paralytic ileus. Pol. przegl. chir. 36 no.5:707-715 My 164.

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KWASNIEWSKA-ROKICINSKA, Cecylia; WIECKOWSKA, Zofia; CZAPLEWSKI, Stanislaw

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J. Swiecki.

KOZLIK, Ryszard; WIECKOWSKA, Zofia; OLSZEWSKA, Danuta.

Results of the treatment of cervical cancer at the Institute of Oncology in Gliwice during the period 1953-1955. Nowotwory 13 no.4:311-318 0-D'63.

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WOLYNSKA, Maria; WIECKOWSKA, Zofia; CZAPLENSKI, Stanislaw

Neoplasms of the vulva in the records of the Institute of Oncology of Clivice in the period 1947-1957. Novotwory 15 no.1:73-79 Ja-Mr'65.

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# FIGIRISKI, T.; WIECKOWSKA, Z.

A simple photoelectric bridge method for determining the lifetime of injected current carriers in semiconductors. Acta physica Pol 24 no.5: 675-680 N 63.

1. Institute of Physics, Polish Academy of Sciences, Warsaw (for Figielski) 2. Department of Physics, University, Warsaw (for Wieckowska).

TEMMER, Julian; WISCKOWSKI, Bondan

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1. Z Oddzialu Leczenia Izotopami lantytuto Onkologii w Gliwicaca (Dyrektor: dr. med. J. Swiccki).

HLINIAK, Andrzej; TENNER, Julian; WIECKOWSKI, Bogdan; GALECKI, Władysław

Some notes on the role of the P-32 test in the diagnosis of
malignant melanoma. Novotwory 14 no.4:341-344 C-D'64

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J. Swiecki).

WIECKOWSKI, J.

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1. Institute of Fluid Flow Machines, Clansk of the Polish Academy of Sciences. Presented by R. Szewalski.

KURTEK, Tadeusz, mgr inz.; WIECKOWSKI, Jan, mgr inz.

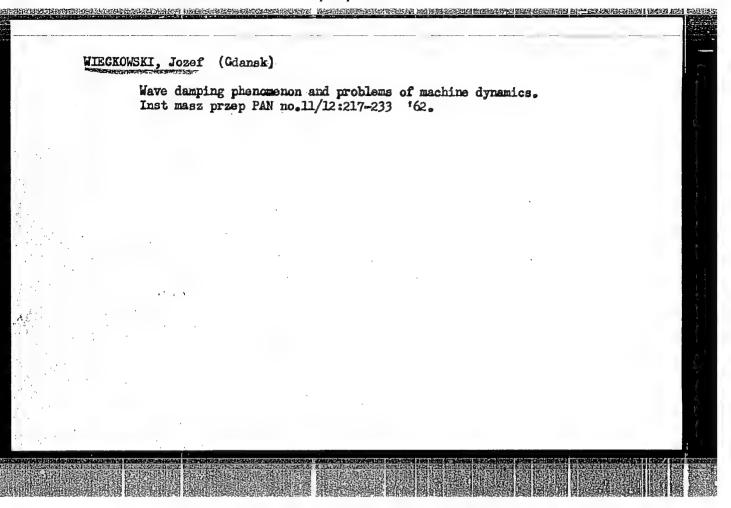
Coke breeze briquetting for blast furnaces and heating. Gosp paliw 11 Special issue no.(95):23-24 Ja '63.

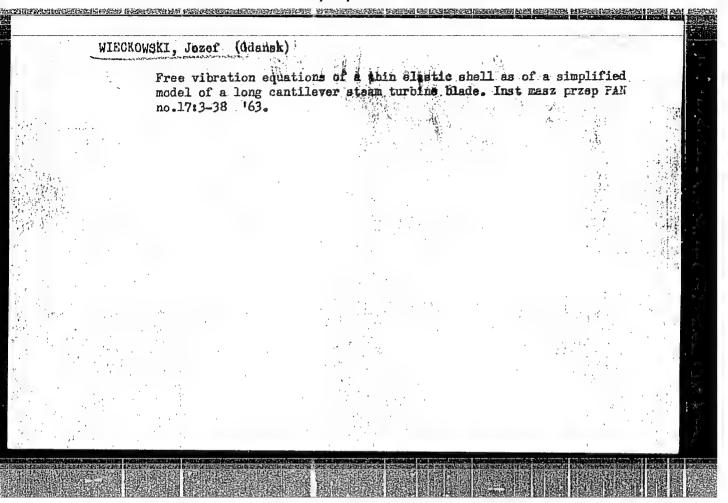
1. Zaklady Przemyslu Wapienniczego Sitkowka k. Kielc.

#### WIECKOWSKI, J.

Extremal properties in a certain linear functional and their interpretation in mechanics of ship structures. Bul Ac Pol tech 11 no.11:659-666 '63.

1. Institute of Fuid-Flow Machines, Gdansk, Polish Academy of Sciences, Presented by R. Szewalski.





## WIECKOWSKI, Jozef

Extreme internal forces within the hull of the ship by longitudinal flexure on smooth water. Bud okret polit Gdansk no.4:95-147 164.

1. Papartment of Mechanics of Phip Structures, Technical University, Gdansk.

ACCESSION NR: \_AT3013188

P/2521/61/000/002/0109/0131

AUTHOR: Wieckowski, Jozef (Danzig)

TITLE: Problems of circumferentially symmetrical forced vibrations in an elastic space

SOURCE: Polska Akademia Nauk. Instytut Maszyn Przeplywowych. Prace, no. 2, 1961,

TOPIC TAGS: vibration, forced vibration, symmetrical forced vibration, cricumferentially symmetrical forced vibration, Lame constant, Lame equation, generalized

ABSTRACT: Present work is an introduction to a series of studies whose purpose is the examination and development of computational methods for dynamic reaction forces during foundation vibrations. Author analyzes the simplest model of a three-dimensional stable medium with an unbounded, isotropic, homogeneous and elastic space. Study is limited to an examination of the forces of reaction during forced, circumferentially symmetrical vibrations in an elastic space evoked by the harmonic motion of a rigid cylinder placed in this space with the application of compatible

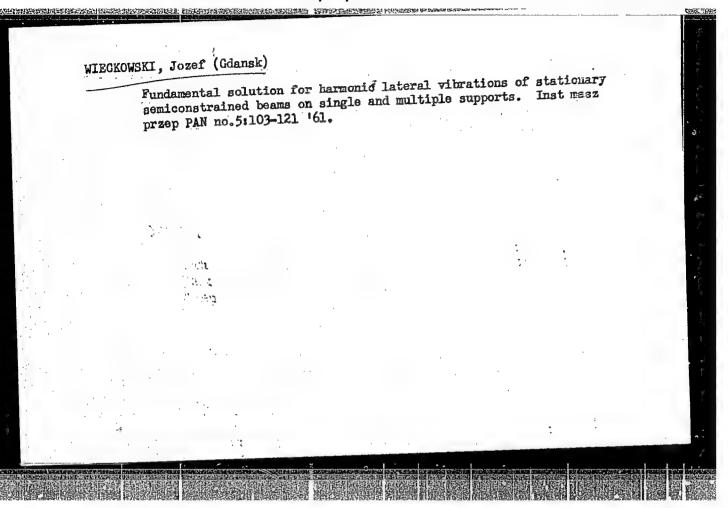
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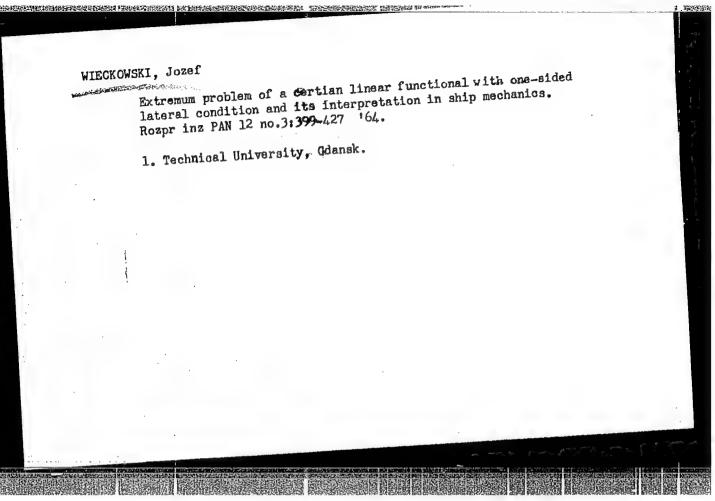
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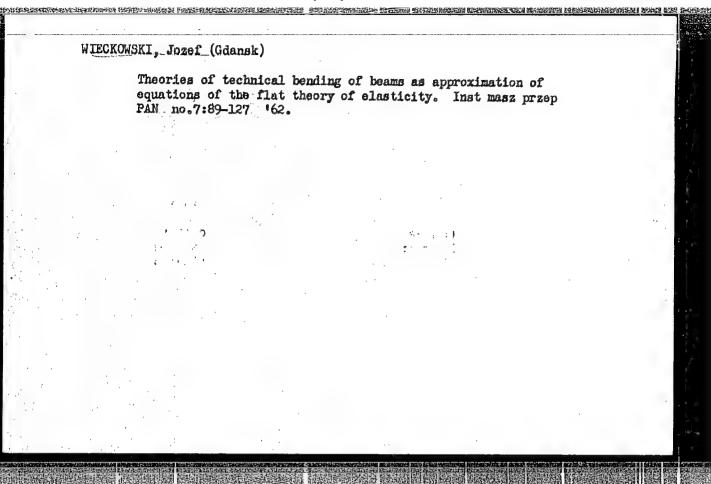
displacements on contact surface. Analysis of effect of material damping upon course of phenomena was disregarded. Author extended the Lame equations of astion to a cylindrical system of coordinates r, Q and  $\mathcal{L}$  (Zeta) for the case of a circumferential symmetry and examined three basic equations of motion:  $u_r \neq 0$ ,  $u_r \equiv 0$ ;  $u_r \neq 0$ ,  $u_r \equiv 0$ ;  $u_r \neq 0$ ,  $u_r \equiv 0$ . The characteristics of  $u_r \equiv 0$ ;  $u_r \neq 0$ ,  $u_r \equiv 0$ ;  $u_r \neq 0$ ,  $u_r \equiv 0$ . These were reduced the reaction forces were derived for the examined three cases. These were reduced to coefficients of rigidity  $\chi$  (CHI), damping  $u_r \equiv 0$ , and reduced mass  $\chi$ . A coefficients of the reaction forces with a nonlinear relation of the coefficients  $u_r \equiv 0$  and  $u_r \equiv 0$  to the frequency. A special case of stationary, torsional vibrations of a rigid cylinder in an elastic medium was studied. The resonance was determined as the maximum of the vibration amplitude with respect to the frequency  $u_r \equiv 0$  (Omega) for  $u_r \equiv 0$  (Omega Epsilon (zero,  $r \equiv 0$  infinity). The existence of one resonance frequency at most was confirmed in this special case. An integral equation for more generalized problems without circumferential symmetry was derived by superposing the basic equations. Orig. art. has: 6 figures and 139 equations.

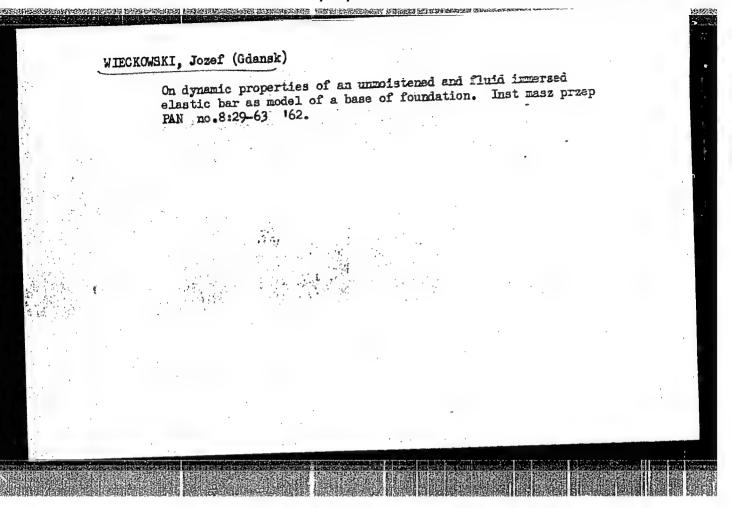
ASSOCIATION: Instytut Maszyn Przeplywowych, Polska Akademia Mauk (Institute of Flow Machines, Polish Academy of Sciences)
SUEMITTED: OOFeb60 DATE ACQ: 250ct63 ENCL: OO

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P/521/62/000/009/004/005 E202/E592:

AUTHOR:

Wieckowski, Józef (Gdańsk)

Stationary forced gravitational waves on the unbounded

free surface of an ideal liquid

SOURCE:

Polska Akademia Nauk. Instytut Maszyn Przeplywowych.

Prace. no.9, 1962, 79-117

This work is limited to the determination of only the TEXT: simplest solutions for stationary oscillations of liquids which are of great technical importance. These solutions are obtained by linearization of the problem which yields simple functions suitable for superposition. It is intended to use this material in future work directly applicable to the construction of large ships and to the cases where forced oscillations of higher frequencies are studied in elastic and liquid systems. The author considers the simplest ideal liquid model, assuming a potential flow in a homogeneous gravitational field. Using Cartesian coordinates and defining the free surface as a plane z=z, the region occupied by the liquid is defined by the inequality Using Euler coordinates to define the equations of  $D = \{z \leqslant z_0\}.$ 

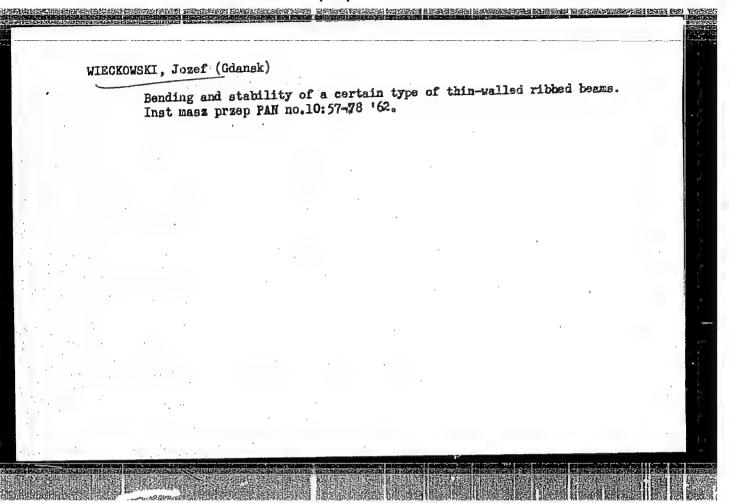
Stationary forced gravitational ... P/521/62/000/009/004/005 E202/E592

motion for the ideal liquid and the continuity equation, the flow potential  $\varphi$  may be found and the continuity equation transformed into the Laplace equations with respect to  $\varphi$ . The author disregards the hydrodynamic and aerodynamic coupling present at the free surface but studies in detail the boundary conditions on the free surface, taking into consideration the surface tension. The principle of the linearization used is similar to that given by N. Ye. Kochin (Sob. Soch. 2, Izd. AN SSSR, 1949), leading to the final boundary condition on the free surface, viz.

$$\frac{\partial^2 \varphi}{\partial z^2} + g \frac{\partial \varphi}{\partial z} = 0, \quad z = 0$$
 (2.23)

where z is the axis acting in the opposite direction to the resultant of the gravitational field. These relations are further elaborated, taking into consideration the effect of the ship's velocity. Similar analysis is carried out for planar oscillations of an ideal liquid in a semibounded zone, a three-dimensional problem in a semibounded channel, and a three-dimensional problem in an unbounded or semibounded basin including the effect of Card 2/3

Stationary forced gravitational P/521/62/000/009/004/005 E202/E592		
depth. The work is concluded with preliminary evaluation of more complex problems, namely, three-dimensional analysis in presence of a flow along a flat wall and shallow, as well as infinitely deep, sea, assuming parallel and constant velocity flow. There are 23 figures.	The second secon	
SUBMITTED: April, 1961		
Card 3/3		



## WIECKOWSKI, J.

Basic solutions for harmonic stationary vibrations of semi-infinite single- or multi- support beams. Bul Ac Pol tech 10 no.1:[1]-[5] '62.

1. Institute of Fluid-Flow Machinery, Gdansk, Polish Academy of Sciences. Presented by R.Szewalski.

### WIECKOWSKI, J.

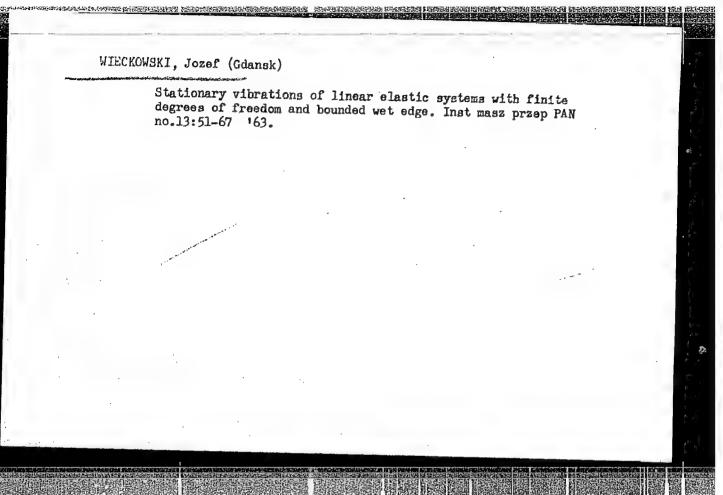
On certain dynamic properties of an elastic bar immersed and consimmersed in liquid with free surface. Bul Ac Pol tech 10 no.11:635-642 '62.

1. Institute of Fluid Flow Machinery, Gdansk, Polish Academy of Sciences. Presented by R. Szewalski.

### WIECKOWSKI, J.

The influence of compressibility on hydrodynamic damping and reduced mass of a liquid with free surface contained in a homogeneous gravitational field. Bul Ac Pol tech 10 no.11:643-650 62.

1. Institute of Fluid Flow Machinery, Gdansk, Polish Academy of Sciences. Presented by R. Szewalski.



WIECKOWSKI, Jozef

The resonance analysis with long cantilever blades in the lest stage of steam turbines. Inst masz przep PAN no.14/16:425-442 163.

1. Instytut Maszyn Przeplywowych, Polska Akademia Nauk, Gdansk.

WIECKOWSKI, Jozef (Gdansk)

A particular case of stationary forced vibrations of elastic fluid with free surface in a uniform gravitational field. Inst masz przep PAN no. 18: 25-91 '63.

### WIECKOWSKI, J.

Determination of one-point programs for loading ships with the limitation of linear parameter in these programs. Bul Ac Pol tech 12 no.10:701-707 '64.

1. Institute of Fluid Flow Machines, Gdansk, Polish Academy of Sciences. Submitted June 27, 1964.

### WIECKOWSKI, J.

Principles of the variation method applied to the determination of critical loads in the mechanics of stip structures. Bul Ac Pol tech 12 no.11:807-813 164.

1. Institute of Fluid-Flow Machines, Gdansk, of the Polish Academy of Sciences. Submitted August 24, 1964.

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ACCESSION NR: AT4040503

P/2521/64/000/020/0023/0048

AUTHOR: Wieckowski, Jozef (Gdansk)

TITLE: Dynamic properties of a thin semiinfinite cylindrical shell under steady vibration

SOURCE: Polska Akademia Nauk. Instytut Maszyn Przeplywowych. Prace, no. 20, 1964, 23-48

TOPIC TAGS: thin shell, semiinfinite shell, cylindrical shell, steady vibration, stationary vibration, mechanical vibration, forced vibration, traveling wave

ABSTRACT: Dynamic properties of a thin semiinfinite open circular cylindrical shell of rectangular planform are discussed. The shell is simply supported along its straight edges by supports which are rigid in compression but elastic in bending. The steady vibrations and conditions of forming constant-amplitude traveling waves are examined, without specifying the source of the forced vibrations excited at the circular edge of the shell. It is shown that for a certain shell material and given range of frequencies Cord 1/2

ACCESSION NR: AT4040503

a maximum shell radius exists which rules ou

a maximum shell radius exists which rules out the possibility of the formation of traveling waves with constant amplitude. A criterional expression is derived for the rigidity of a shell having such properties so that determination can be made of the frequency range of the exciting force for given shell dimensions and material, and vice versa. The text is illustrated by a numerical example. Orig. art. has: 4 tables, 3 figures, and 117 formulas.

ASSOCIATION: none

SUBMITTED: 00Dec61 DATE ACQ: 07Ju164 ENCL: 00

SUB CODE: AS NO REF SOV: 002 OTHER: 011

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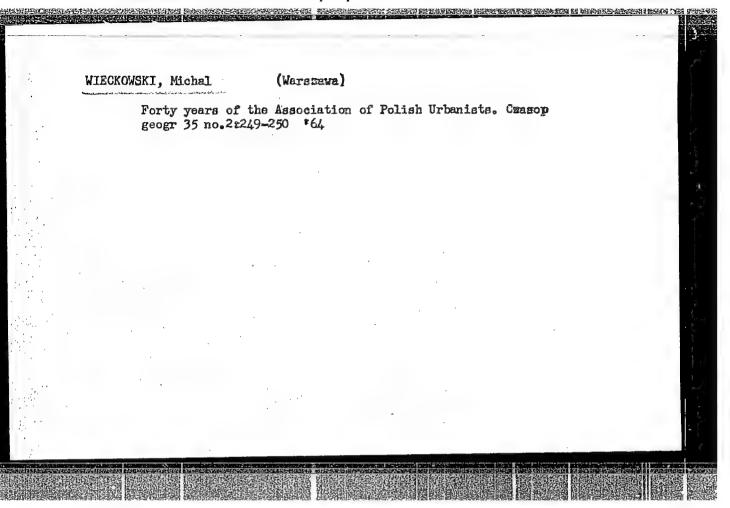
DARZYNKIEWICZ, Z.; JURUKOVA, Z.; WIECKOWSKI, J.

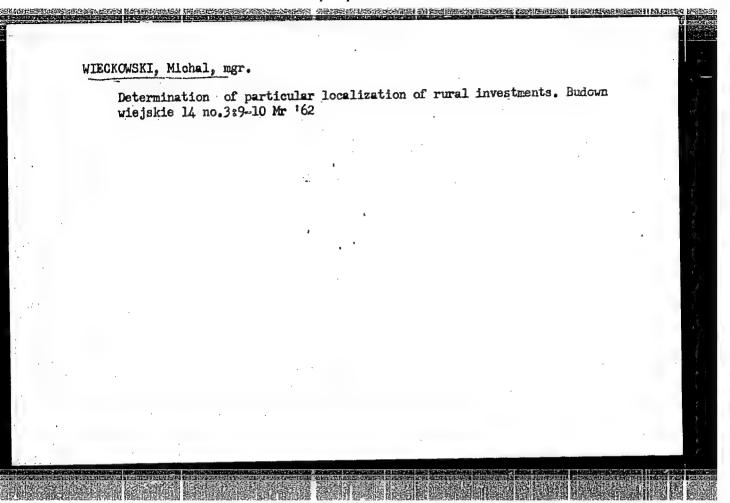
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1. Submitted January 15, 1965.

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Problems of applied physical geography in spatial planning of rural regions; rural physiography. Przegl geogr 35 no.3:457-464 '63.

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(HEART, artif.

heart-lung appar., surg. management (Pol))

SEMERAU-SIEMIANOWSKI, Zbigniew; PIETRASZKIEWICZ, Eugeniusz; SZCZYGIEL, Brune; KAMINSKI, Bogdan; WIECKOWSKA, Wanda

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The effect of radioopaque contrast media on the pancreatic parenchyme. Acta medica polona 2 no.5:229-235 '61.

1. Department of Experimental Surgery, Polish Academy of Sciences, Warsaw. Director: Doc. Dr. J. Nielubowicz.

(PANCREAS pharmacol) (CONTRAST MEDIA pharmacol)

### WIECKOWSKI, J.

Equations of real flow of liquids. P. 191, Vol 2, No. 3, 1955

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SOURCE: East European Accessions (EEAL), LC, Vol 5, No. 3, March 1956

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Vol. 28, no. 2, 1956
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SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
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### WIECKOWSKI, K.

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	1. Chair of Quaternary Geol	ogy, University, Warsaw,	
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